We sincerely hope your spa life is a pleasant experience. If problems should arise, contact your authorized Marquis Spas® dealer. Or contact Marquis Corp. at any of the following:

Email: service@marquiscorp.com
Web: www.marquisspas.com
Marquis Corp.
596 Hoffman Road
Independence, OR 97351, USA

This manual is provided to enhance your enjoyment of your spa and to prevent non-warranty situations. It is your sole responsibility to read, understand and comply with the instructions in the owner's manual. Please save your original sales receipt for reference in case of a future warranty claim. Failure to use, maintain or install the spa in compliance with this owner's manual could result in loss of warranty coverage.

## PRODUCT REFERENCE

SERIAL NUMBER LOCATION
You will find the serial number in the equipment area.

PLEASE FILL OUT AND KEEP FOR FUTURE REFERENCE

Name of Purchaser_____

Date of Purchase _____

Address _____

City _____Country/Province_____

Postal Code _____

Spa Model/Colour _____

Spa Serial No._____

Pack Serial No._____

Dealer's Name _____

Dealer's Address _____

City _____Country/Province_____

Postal Code _____

Telephone _____

Every effort has been made to ensure the accuracy of this manual. However, Marquis Spas® reserves the right to improve its product without notice. This could create a minor variation between this manual and the actual product you receive. We apologize for any inconvenience this may cause.

## SEPARATE WASTE COLLECTION

This symbol indicates the need for separate waste collection of electronic and electrical equipment. Please do your part in protecting the environment and human health by reusing and recycling used electronic equipment whenever possible. Please do not dispose of such equipment as unsorted municipal waste. This product was put on the market after August 13, 2005.

Marquis Spas® is fully compliant with the European Union Council Directive 2002/95/EC (restriction of Hazardous Substances – RoHS).

Additionally, products are marked according to Annex IV of Council Directive 2002/96/EC (Waste Electrical and Electronic Equipment – WEEE) which addresses the handling of products at the end of their useful life.

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TÜV PRODUCT SERVICE GS geprüfte Sicherheit

**WARNUNG:** Bevor Erhaltenzugriff auf Terminale, müssen alle Versorgungskreisläufe abgeschaltet werden.
**WARNING:** Before obtaining access to terminals, all supply circuits must be disconnected.

## SAFETY INSTRUCTIONS

The following instructions contain important safety information. We strongly encourage you to read and apply them.

**IMPORTANT SAFETY INSTRUCTIONS**

WHEN INSTALLING AND USING THIS ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

1. **READ AND FOLLOW ALL INSTRUCTIONS.**
2. **WARNING:** To reduce the risk of injury, do not permit children to use this product unless closely supervised at all times.
3. **DANGER: RISK OF CHILD DROWNING.** Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use the spa or hot tub unless they are supervised at all times.
4. **WARNING:** Disconnect all supply circuits before obtaining access to the terminal.
5. A ground/earth terminal is provided on the terminal block located on the outside of the control box. To reduce the risk of electric shock, connect this terminal to the grounding/earth terminal of your electrical service or supply panel with a continuous green/yellow, insulated copper wire. The wire must be equivalent in size to the circuit conductors supplying the equipment. In addition, a bonding terminal (pressure wire connector) is provided on the outside of the control box for bonding to local ground/earth points. To reduce the risk of electric shock, this connector should be bonded with a No. 8 AWG (8.42mm2) solid copper wire to any metal ladders, water pipes, or other metal within five feet (1.5m) of the spa to comply with local requirements.
6. Your spa uses ground fault circuit interrupters (GFCIs) or residual current devices (RCDs) in the electrical sub-panel. Before each use of the spa and with the unit operating, press the Test button on each breaker. The switch should click over to the "Trip" position. Wait thirty seconds and reset each RCD breaker by switching it completely off and then completely on. The switch should then stay on. If either of the interrupters does not perform in this manner, it is an indication of an electrical malfunction and the possibility of an electric shock. Disconnect the power until the fault has been identified and corrected.
7. Install the spa so proper drainage is provided for the compartment containing the electrical components.
8. **DANGER: RISK OF ELECTRIC SHOCK.** Do not permit any appliance, such as a light, radio, telephone, or television within 1.5m of the spa or hot tub.
9. **WARNING: TO REDUCE THE RISK OF INJURY.**
   - The water in the spa should never exceed 40° C. Water temperatures between 38° C and 40° C are considered safe for a healthy adult. Lower water temperatures are recommended for extended use (exceeding 10 minutes) and for young children.
   - Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 38° C.
   - Before entering a spa, the user should measure the water temperature with an accurate thermometer since the tolerance of temperature-regulating devices may vary as much as +/- -3° C.
   - The use of drugs, alcohol, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.
   - Persons suffering from obesity or with a medical history of heart disease, low or high blood pressure, circulatory system problems or diabetes should consult a physician before using the spa.
   - Persons using medications should consult a physician before using a spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.
10. **DANGER: TO REDUCE THE RISK OF INJURY TO PERSONS.** Do not remove the suction fittings.
11. **DANGER: RISK OF INJURY.** Never operate a spa if the suction fitting(s) are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting. The suction fittings in the spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible.
12. **DANGER:** Children are especially sensitive to hot water. At no time should children have unsupervised access to the spa. Children must not be allowed to climb onto the spa cover. All Marquis Spas are equipped with a locking safety cover. Always lock the child resistant locks after using the spa for your children's safety.
13. **CAUTION:** To reduce the number of airborne bacteria in an enclosed spa area, proper ventilation must be provided.
14. **WARNING:** The design and construction of this spa are in accordance with all applicable regulations. Modifying or adding spa components may affect proper spa functioning, and may void the compliance markings.
15. **SAVE THESE INSTRUCTIONS.**

**PERSONAL SAFETY**

Prolonged immersion in hot water can result in **HYPERTHERMIA**, a dangerous condition which occurs when the internal temperature of the body reaches a level above normal (37°C). The symptoms of hyperthermia include dizziness, fainting, drowsiness, lethargy, and a body temperature above 37°C. The physical effects of hyperthermia include unawareness of impending hazard, failure to perceive heat, failure to recognize the need to exit the spa, physical inability to exit the spa, fetal damage in pregnant women, and unconsciousness resulting in a danger of drowning.

**WARNING:** The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia in hot tubs and spas.

Persons taking medications which induce drowsiness such as tranquilizers, antihistamines, or anticoagulants should not use the spa. Pregnant women and persons with a medical history of heart disease, diabetes, or high blood pressure should consult a physician before using the spa.

**PERSONAL SAFETY DOS:**

- Be sure your spa is connected to the power supply correctly – use a licensed contractor.
- Disconnect the spa from the power supply before draining the spa or servicing the electrical components.
- Test the RCD monthly.
- Test the water temperature with your hand before entering the spa to be sure that it's a comfortable temperature.
- Do not use the spa if water temperature is outside of set temperature.
- Remember that wet surfaces can be very slippery. Take care when entering and exiting the spa.
- Use the safety cover when the spa is not in use, whether it is empty or full of water.
- Keep the water clean and sanitized with correct chemical care.
- Turn on the jets when adding ANY spa water chemicals.
- After running the pump for three consecutive 15 minute periods (if so desired), allow for a 30 minute cool-down period.
- Clean the filter cartridge(s) monthly to remove debris and mineral buildup which may affect the performance of the hydrotherapy jets, limit the flow, or trip the high limit thermostat which will turn off the entire spa.

**PERSONAL SAFETY DON'TS:**

- Don't use the spa with the equipment compartment door removed.
- Don't use the spa for long periods of time at water temperatures in excess of 40°C.
- Don't allow the jet pump(s) to operate for an extended period of time with the cover in place. Extended pump operation will cause a slow heat buildup due to water friction. The spa equipment controls are equipped with a built-in safety timer that will automatically shut off the jet pump(s) after 15 minutes of continuous operation should it have been left on inadvertently.
- Don't operate the spa at any time with the filter cartridge(s) removed.
- Don't lift or drag the cover by using the tie-down straps or cover skirting; always lift and carry by using the external handles.
- Don't store chemicals in the spa's equipment compartment.

## INSTALLATION INSTRUCTIONS

**LOCATION**
For your portable spa to function properly and safely, it must be located on a hard, flat, level surface. Inground spas require special installation techniques and should be planned in conjunction with your authorized Marquis Spas® dealer. Improper installation can result in structural damage to the spa and the voiding of your spa warranty. Items to discuss with your dealer include: local construction codes, electrical service requirements, serviceability of equipment, existing underground obstructions such as gas, water, and telephone lines, safety measures such as fences and locks, and visibility of the spa installation from the home, street, and neighbours.

- Do not shim your spa. If your pad is not level you must pour a top cap: contact a professional.
- Allow for sufficient water drainage around the spa to help preserve the equipment and support structure. This includes indoor installations.
- A filled spa can weigh up to 2268 Kg and the location must support the weight of the filled spa.
- Locate the equipment compartment where it will be accessible. Your spa MUST be installed to permit access for servicing the equipment above and/or below any decks or floors. Access is essential and must allow adequate room for service. To facilitate repairs, Marquis Corp. or its agent may require access to spa equipment. It is your responsibility to provide unencumbered access. See spa diagrams for location of power supply.
- Leave access to the circuit breakers in the sub panel.
- Be sure the spa is level and in the final position BEFORE filling with water. Check for power cords, tools, and hoses that may be caught underneath the spa.
- Do not apply power to the spa before it is completely filled with water. Damage to the pumps, heater and sensors may result.
- **IMPORTANT: DO NOT LET AN EMPTY SPA REMAIN EXPOSED TO DIRECT SUNLIGHT.** Spa surface temperatures can reach in excess of 82°C if left exposed to the sun. Significant damage can occur if this is allowed to happen, including warping and blistering of the surface and components. Damage that occurs as a result of this exposure is not covered under the warranty.
- **CAUTION:** Never try to move a spa that has not been fully drained. To do so could result in damage to the spa and physical injury to the mover.
- Cracks in the spa surface, exterior siding or DuraBase due to improper transport or support of the spa are not covered under the warranty.

**OUTDOOR AND PATIO INSTALLATION**
To install the spa outdoors, we recommend a reinforced concrete pad at least 10 cm thick. The reinforcing material should be grounded per electrical codes.

If you place the spa on the ground, even temporarily, place the spa empty of water on concrete pavers under the entire bottom of the spa. The concrete pavers should be at least 5 cm thick and level across the entire surface. The spa will inevitably settle and become out of level on this surface, thus it is important to get the spa onto a solid foundation as soon as possible.

**INSTRUCTIONS FOR PREFABRICATED SPA PADS**
If you are using a prefabricated spa pad for a foundation, please use the following guidelines:

1. Designate the area where the spa is to be installed. Please make sure the ground is flat and level.
2. Using 2"x 6" weather resistant lumber and 3" outdoor deck screws, build a frame large enough for the prefabricated spa pad to fit inside with minimum 1" clearance on all sides.
3. Install the frame in the area that has been leveled.
4. Using pea gravel, please fill the frame to the top.
5. Lay a straight piece of lumber across the frame and level any high spots in the gravel by pushing the straight lumber across the frame. Fill in any low areas with more gravel and re-level using the straight piece of lumber.
6. Compact the gravel to make the surface is hard and flat. You may need to add more gravel to bring the level back up to the top of the frame. If so, please re-level and re-compact until you have a hard, flat level surface that is even with the top of the frame.
7. Place the prefabricated spa pad on top of the gravel. Please be careful not to disturb the hard, flat, level surface.
8. Please make sure no portion of the spa pad is sitting outside or on top of the framing.
9. Place the spa on top of the pad and fill the spa with water.

**DECK INSTALLATION**
Be sure the deck can support the weight of your filled spa by checking the deck's maximum load capacity. Consult a qualified building contractor or structural engineer. Minimum requirement is 45.36 Kgs. per 9.3 cm.

**INDOOR INSTALLATION**
There are special requirements if you place your spa indoors. Flooring material must provide adequate traction when wet. Proper drainage is essential to prevent water pooling. To avoid increased humidity, you need to provide proper ventilation to the area. The addition of a ventilation system is recommended.

**SHUT-OFF VALVES**
Your spa is equipped with shut-off valves (see EQUIPMENT DIAGRAM) that shut off the water flow to the equipment system for authorized Marquis Spas® dealer service. At times, a new spa or one that has recently been serviced may have the shut-off valves partially closed which can restrict the water flow and hinder jet performance. Be sure the valves are fully open.

**FREEZE PROTECTION**
When a freeze condition is detected (which occurs when the temperature in the heater housing drops to 13°C), the jet pump(s) is automatically activated. In areas with extremely cold winter conditions, your spa should be fine as long as it is left running at normal operating temperatures. If you plan to turn the spa off, follow the instructions in this manual (see SUSPENDED USE OR WINTERIZING YOUR SPA).

**OVERHEATING**
In the case of extended hot weather, the spa water temperature may reach and maintain 40°C to 41°C or higher. This is due to the ambient temperature and the full insulation in the spa cabinet. You may have the option of shortening the pump-run time. (See SPA CONTROL OPERATION for available options.)

**FILTER CARTRIDGE(S)**
Your portable spa features one or two Vortex filters.

Filter cartridges and filter lids are warranted to be free of defect at time of delivery and do not qualify for labor coverage under the warranty. These parts can be purchased or exchanged at your authorized Marquis Spas® dealer.

**NOTE:** It is very important that the components of these filtration systems be installed properly in the proper part of the spa.

1. Hold the Vortex filter cartridge and center it in the opening of the filter housing.
2. Use the filter handle and turn the filter cartridge clockwise to screw it in place. (Use caution not to over tighten as damage may occur to threads and is not covered under warranty.)
3. Grasp the edge of the Vortex skimmer lid, gently place the tray in position resting the center point in the groove.

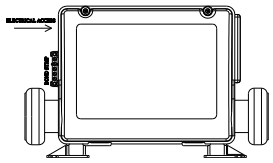
**SUCTION GUARDS**
The suction fitting(s) in the footwell of your spa is an opening through which the jet pump(s) draws water. Suction fittings are equipped with a safety guard. Suction through the fittings can be strong. The safety guard(s) must remain in place and undamaged. A fitting with a damaged guard(s) can be dangerous, especially to small children or people with long hair. Should any part of the body become drawn to a fitting, immediately turn the jet pump(s) off. Long hair should be restrained. Never allow long hair to float freely in the spa. Replace any missing or damaged suction guard(s).

**NOTE**: It is normal for the flow rates of the suction fittings to vary from strong to barely noticeable.

**ELECTRICAL REQUIREMENTS**
It is the responsibility of the spa owner to ensure that all electrical connections are made in accordance with all electrical codes in effect at the time of installation including proper bushings (at least 1 mm in diameter) at the spa control and at the appliance openings. The recommended spa operating

environment is -5°C to +45°C, at 20-80 percent of relative humidity. Fuses are covered to be free of defect at time of installation only.

**Electrical Supply:**
Insert the incoming electrical service line through one of the access holes on either side of the spa base (remove plastic plug). Then insert the service through the electrical access hole of the control box (see diagrams).




A pressure wire connector is located on the exterior of the control box. If the installation includes a common bonding grid (reinforced concrete slab, ground/earth plate beneath the spa, or any metal water pipe connection), this pressure wire connector should be bonded to any metal ladder, water pipe, or other metal, within 1.5 m of the spa and in accordance with pertinent electrical codes.

**220-240V AC, 50 Hz:**
Connections shall be made in accordance with the wiring diagram found on the inside of the control box cover. Connections should be made with copper conductors only – aluminum wiring should not be used with this system. All conductors, circuit breakers, and/or fuses must be sized in accordance to the input ratings shown below:

**220-240 V AC, 50 Hz:**
- Permanently connected
- Rated 220-240V AC – 50 Hz
- One and two pump spas are rated 16A for low amp setting (heater off during high-speed) and 32A for high amp setting (heater on during high-speed).

Improperly wired spas can cause irreversible damage resulting in blown fuse and melted terminal block, and to other electrical components. Also, damage caused to components or equipment caused by high or low voltage, brown outs or electric surges is not covered under warranty.

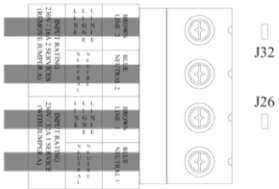
**Electrical Service Connections at Terminal Block, Inside Spa Controller:**
The spa must be supplied through a single MCB with a certified residual current device (RCD) with a rated current trip not exceeding 30 mA. Means for spa disconnection from supply must be incorporated in the fixed wiring. Recommended supply conductor nominal cross sectional area is 4mm2 for 16A rating, 6 mm2 for 32A rating.

**NOTE:** If the power cord on any piece of electrical equipment, such as a jet pump or ozone generator, becomes damaged, do not use the spa until the cord has been repaired. Consult your authorized Marquis® dealer for assistance on such repair.

Single 32A line of service.

For heater OFF during high speed - jumper 10 on (up).
For heater ON during high speed - jumper 10 off (down).

2 16A lines of service.
(Remove jumper A)



For heater OFF during high speed - jumper 10 on (up).
For heater ON during high speed - jumper 10 off (down).

Improperly wired spas are beyond Marquis Corp. control and are not covered under the warranty. Other items beyond Marquis Corp. control include, but are not limited to, damage resulting from: improper connections; accidents; failure to follow procedures and instructions defined in the Marquis Spas® printed instructions; cleaning agents; and natural occurrences including but not limited to rodent or insect infestation, mold, lightning and other acts of nature.

## STARTING YOUR SPA

**START-UP PROCEDURE**
Your spa is equipped with solid-state Comfort Controls specific to your spa model. (See SPA CONTROL OPERATION for your specific spa model.)

To start your spa, you need a spa water test kit or test strip and an underwater thermometer. It is important to follow each of these steps when starting your spa. Once you have completed the following steps, refer to the instructions in your start-up kit for proper start-up water maintenance, or see MARQUIS SPA CARE.

**NOTE:** Your spa has been filled and test-run at the factory. The first time your spa is filled with water, some discoloration from residual test water may appear. This will disappear when the spa is completely filled and the filtration system is functioning.

**WARNING:** Spa must be completely filled with water before turning on power.

Test the water for the proper chemical balance and adjust as necessary. Marquis SpaCare™ products are recommended. (See WATER TREATMENT.) **PROPER CHEMICAL BALANCE IS IMPORTANT** for your safety and the longevity of your spa.

In the case of relocating your spa, it is imperative to follow the instructions in the owner's manual. These instructions must remain with the spa. Damage caused by relocating spa is not covered under warranty.

**THERAPY PUMP(S)**
**Start-up procedure for all models**

1. Place spa on a hard, flat, level surface. Make sure the power supply is off.
2. Make sure the suction guard(s) in the footwell are in place and undamaged.
3. Open the equipment door. Tighten all disconnects and open all shut-off valves.

**NOTE:** Keep the drain valve closed at all times except when draining the spa (do not rely on the cap to stop the flow of water). Not doing so could result in damage to the drain valve due to freezing water.

4. Install filter cartridges. (See INSTALLATION INSTRUCTIONS, Filter Cartridges.)
5. Fill the spa with water to two-thirds of the way up the Vortex skimmer openings.
   The use of a Fill Filter is recommended, especially in areas with high mineral content in the water.
6. Turn the power on.

WARNING: Spa must be completely filled with water before turning on power.

7. Allow the spa to circulate on high-speed (see SPA CONTROL OPERATION) for four to five minutes to discharge air from the plumbing system. Do not expect hot water immediately from the jets; the heater will take several hours to heat the water.
8. Your spa is now in a "Priming" mode and a "Priming Mode" message displays in the LCD window of the control panel. While in this mode the spa appears idle, which lasts approximately four to five minutes if not exited manually. To exit manually, press the JETS 1 pad.
9. At this time, the spa should have water flowing from the jets. If the pump has not primed and the water is not flowing from the jets after two minutes, TURN OFF POWER TO THE SPA and vent air from the pumps by slightly opening the pump unions located behind the equipment door. After turning the power on again, the spa initiates a new priming mode. Repeat steps above.
10. The system requires approximately two minutes of water flow to determine the water temperature. After two minutes of water flow, the temperature is displayed as actual water temperature. After you have manually exited the priming mode (or allowed the spa to automatically exit), the LCD window momentarily displays 38°C and then the display switches to - - °C.
11. The factory default setting for water temperature is 38°C. Use the TEMP pads on the control panel to set the water temperature to the desired level. (See SPA CONTROL OPERATION.) Your spa heats at the rate of approximately 3°C per hour.

Test the water for the proper chemical balance and adjust as necessary. SpaCare products are recommended. (See WATER TREATMENT.) PROPER CHEMICAL BALANCE IS IMPORTANT for your safety and the longevity of your spa.

**DURACOVER™**
When the spa is not in use, the cover should be kept on the spa to retain the water's heat and to keep out dirt, leaves, etc.

For your safety and convenience, the cover is equipped with adjustable straps, safety locks, and handles. Use the exterior handles to remove and replace your cover. Never attempt to open or remove the cover by grasping or pulling on the cover skirting or cover lock straps as the skirting will tear.

Marquis suggests you use the safety locks to help keep out unintended users and prevent covers from being blown off in windy conditions. The cover and retractable cover system are not recommended for use in wind conditions reaching above 40 km/h. If your spa is located in an area susceptible to high winds, additional cover lock straps may be necessary to minimize cover damage.

**NOTE:** Marquis' exclusive DuraCover is designed for optimum protection of the spa shell. Using an aftermarket cover will not provide the same protection and will void the shell warranty.

**Open the spa cover:**

1. Unfasten all cover lock straps.
2. Place one hand under the cover skirting, between the spa and cover, to break the cover's vacuum seal. Do not use cover handles to break vacuum seal.
3. Fold the front half of the cover over onto the back half.

**NOTE:** Unlock and release all cover locks before attempting to open cover. Damage caused by attempting to open the cover while locked or by wind is not covered under warranty. Do not walk, stand, climb, or sit on the vinyl cover or retractable cover system. Do not use hard, sharp, or metal objects, such as a windshield scraper, to remove ice. Such objects can cut, mar, or puncture the cover's vinyl surface.

**Close the spa cover:**

1. Slide folded cover onto one half of spa.
2. Unfold the cover by lifting the handle located on the top (front) half of the cover. Allow the unfolded half to fall down onto the spa.
3. Secure the cover lock straps to the spa and lock them.

**NOTE:** When opening a cover with a cover removal mechanism, use one of the manufacturer's recommended methods. Do not attempt to open the cover in any other way. Damage caused by improper opening or closing of the cover is not covered under the warranty.

Fading, staining, torn stitching of the spa cover and broken foam cores are not covered under the warranty for any reason. Spa covers do not qualify for labor coverage under the warranty. These parts can be purchased or exchanged under warranty at your authorized Marquis Spas® dealer.

## SPA CONTROL OPERATION

**9-Button: Show**
**8-Button: Epic, Euphoria, Promise 2P, Resort, Reward, Wish**
**7-Button: Spirit, Mirage, Promise 1P, Rendezvous**

**PUMP PRIMING (Pr)**
Pump priming feature begins at start-up. When your spa is energized, the LCD window displays a "Pr" message. This mode lasts approximately four to five minutes, if not exited manually by pressing the TEMP+ pad.

Your hot tub has been configured at the factory to run without any additional programming changes other than setting the desired temperature. We do however recommend that the time is set as this will be shown in the display as a convenience and aids in controlling when the hot tub will filter. See "changing the system settings" below on setting the time.

The hot tub controls are state of the art and will retain all of the settings or changes that have been made in the event of a power failure.

**CONTROL PANEL OPERATION INSTRUCTIONS**

**HOT KEYS**
**Using pump 1:**
Pressing the Jets 1 button will turn pump 1 on low speed. Pressing a second time will turn the pump on high speed. Pressing the button a third time will turn the pump off. The pump will run for 15 minutes before shutting off or switching to low speed. If the pump continues to run on low speed after the 15 minute timeout, the system is either calling for heat or has entered into a filtration cycle.

**Using pump 2 (if equipped):**
Pressing the Jets/1 button will turn pump 1 on low speed. Pressing a second time will turn the pump on high speed. Pressing the button a third time will turn the pump off. The pump will run for 15 minutes before shutting off or switching to low speed.

**Using pump 3 (if equipped):**
Pressing the Jets/1 button will turn pump 1 on low speed. Pressing a second time will turn the pump on high speed. Pressing the button a third time will turn the pump off. The pump will run for 15 minutes before shutting off or switching to low speed.

**Light:**
Pressing the light button will turn the LED lights on. Pressing a second time will turn them off. If left on the LED lights will automatically turn off after 30 minutes.

Special light feature: You can change the color of the LED lights by pressing the light button repeatedly within 3 second intervals. Doing this will allow you to scroll and choose a specific color or light sequence.

**ALL QUIET SOAK FEATURE**
Pressing the soak button activates a special feature that turns off all pumps and heater, allowing for a quite soak in the hot water. Pressing the button a second time will restore the unit back to normal operation. If left on, the soak mode will time out after 15 minutes and revert back to normal operation.

**Note:** Periodically the pump/s may continue to operate for a short time after pressing the soak button. This typically happens when the spa is in a heat cycle as the heater will need a short period to cool down before stopping the water flow.

**SETTING THE TEMPERATURE**
Pressing the temp up or temp down buttons allow you to adjust the heat to the desired temperature. The set temperature is shown in the left hand side of the LCD display. Pressing and holding the temp up or temp down button will allow for an accelerated change of the temp.

Factory default temperature: 38°C
Maximum set temperature: 40°C
Minimum set temperature: 16°C

**CHANGING THE SYSTEM SETTINGS**

A few basic keystrokes will allow for easy navigation of the available programming options. The settings, soak, temp up and temp down buttons also serve as side to side and up and down navigation controls when in the menu. Note the arrows on the buttons. The back/set button in the center is used to save a setting or go back one screen at a time.

Tip! Note that the menu item that is selected will be brighter in the display than the others indicating where you are in the menu.

Tip! If you have accidentally entered the setting menu, simply press the back/set button or wait 30 seconds to go back to the home screen.

Programming choices shown in the main and sub menus. (See definitions of menu and sub menu items.)

**Heat Mode** (main menu item)
- Ready
- Rest

**Time of day** (main menu item)
- Current set time

**Filter cycles** (main menu item)
- Filter cycle 1 and filter cycle 2

**Preferences** (main menu item)
- Temp display – Choose between Fahrenheit "F" or Celsius "F"
- Time display – choose between 12 or 24 hour display
- Cleanup – choose the length of time of the clean-up cycle
- Language – choose between English, Spanish, French or German

**Diagnostics** (main menu item
- Spa
- Information
- A/B Temps
- Fault Log

**To make a change, perform the following sequence**
1. Press the setting button to display the main settings menu
2. Press the settings button to move over into the main settings menu
3. Scroll down by pressing the temp down button to the desired menu item
4. Press the settings button to move into the sub menu
5. Press the temp up or temp down to change the parameters (Note if a change is made, the save and cancel icons appear on the left hand side of the screen)
6. Press the soak button to move to the left to the save icon. Note the save icon will be brighter than everything else.

7. Press the back/set button to save you selection. If you want to cancel your choice us the temp down button to navigate to the cancel icon or simply wait 30 seconds which will end the programming session.

**Definitions of menu and sub menu items**

**Heat mode – Ready or Rest options**

- The Ready mode will have the spa at the set temperature at all times.
- The Rest mode will only heat during a filtration cycle. This is useful if you are going to be gone for an extended amount of time and want to conserve on power required to keep the spa hot at all times

**Time of day**

Setting the time of day will establish the current time in the main display screen of the panel. It is also important for controlling when filtration cycles will run.

**Filter Cycles:**

- Filter cycle 1 is set at the factory to run for 1 hour.
- Filter cycle 2 is set at the factory to run for 1 hour.
- Adjusting the time of the filtration cycle/s is a matter of personal preference and usage patterns. Setting the filtration cycles for late at night can avoid higher electrical rate costs as an example. If you live in a climate that is seasonally hot, running the filtration cycle at night can avoid unwanted heat build-up from the pumps and prolong the life of the equipment. If your usage patterns are heavy and you would like additional filtration to occur, you have the choice of extending the filtration time or changing the second cycle to a different part of the day.

**Preferences**

- Temp display: Factory set to Fahrenheit "F" but can be changed to Celsius "C" in alignment with local methods of displaying temperature
- Time display: Factory set to 12 hour but can be changed to 24 hour. 12 hour will display "AM" and "PM" after the time if 12 hour is chosen. Choosing 24 hour will display the time in military time.
- Clean-up: Factory set to 30 minutes (.5hr). A clean-up cycle will start 30 minutes after you have finished using the hot tub. You have the ability to extend the clean-up time in .5 hour increments to suit your usage patterns and increase the filtration of the water after use.
- Language: Factory set to English. Choose between English, Spanish, French and German to support your specific language in the display.

**Diagnostics**

- Spa, Information, A/B Temps and Fault Log are sub menu items used for troubleshooting issues you may encounter with the hot tub operation. These functions can only be viewed and not changed. Typically these functions will be used by a service technician but can be helpful to the owner when reporting an issue to the dealer or service technician over the phone.

**Auxiliary jet buttons: (if equipped)**

Depending on the model of hot tub, there are may be up to two auxiliary jet controls for operating the jet pumps. Pressing the Jets button will turn pump on low speed. Pressing a second time will turn the pump on high speed. Pressing the button a third time will turn the pump off. The pump will run for 15 minutes before shutting off or switching to low speed.

**Wi-Fi control: (if equipped)**

Your hot tub is configured with a special component that will allow wireless control with most Apple based products such the iPod Touch, iPad and iPhone. This is an exciting feature that allows wireless operation of the spa functions and most settings.

Please note that the typical operating range is within 30 feet of the hot tub depending on obstructions or location/orientation. The signal may not be strong enough in some cases to adequately establish and hold communication between the hot tub and your device especially when operating from indoors and the signal has to travel through walls. Keep this in mind when placing your hot tub during installation in an effort to keep any obstructions to a minimum.

**Initial set up:**

1. In order to communicate and operate the hot tub, you will need to go to the App Store and download the free "Marquis Spas & Hot Tubs" app to your device.
2. Go to the settings section on your Apple device and choose the "Wi-Fi" tab. Be sure that the Wi-Fi selection slider is set to the "On" position so your device will discover all available Wi-Fi choices. Choose the tab labeled BWG followed by a series of numbers. Be sure your device connects which should be shown by the presence of a check mark next to the name.
3. Return to the main screen and open the Marquis App and proceed to "connect" with the hot tub. Stopping the connection process and restarting may be required. There is nothing wrong with the unit as this can be caused by protocols issued by Apple Inc.
4. Once connected you will be able to operate the jets and light on the control tab of the App. Moving to the settings tab will allow changing the time, temperature and filtration settings of the hot tub.

**Note:** If your device goes to sleep, screen darkens, or is turned off you will need to reconnect again with the hot tub in order to reestablish control.

**Aquavision Monitor (option on Show)**

Aquavison is a completely independent waterproof video monitor that is built to the latest regulations in waterproofing and safety, it is designed to integrate into your spa environment. Aquavision incorporates the latest state of the art screens with the latest and best features. Aquavision features heated screen areas to prevent the front from misting up in humid conditions or even freezing up in cold conditions. The E-Suite™ features an Aquavision unit with Adagio™ audio system and a wireless remote control.

**Operating the Monitor**

Gently push the PRESS pad on top of the self-rising monitor unit to raise it. To lower the monitor unit gently push the PRESS pad. Make sure monitor unit is in the down position before closing the spa cover. Monitor lift mechanism is manufacturer-warranted against failure to lift due to manufacturing defects only. Closing the spa cover with monitor in the up position or forcing the monitor down too rapidly can result in damage. Please refer to the Aquavision manufacturer's owner's manual for features, operation, and troubleshooting.

**USE AND CARE OF AROMA INFUSIONS LIQUID FRAGRANCE DISPENSING SYSTEM (SELECT MODELS ONLY)**

**Filling**

- Turn the top cap of the Aroma Infusions counterclockwise. Remove the pump mechanism to expose the reservoir.
- The reservoir will hold up to 8oz. of liquid aroma. Monitor the level during filling to avoid overfilling. Hold the liquid level approximately 1" below the top during filling to ensure the proper operating level.
- Once filled, replace the pump mechanism into the reservoir and turn the cap clockwise. DO NOT over tighten.

**Use**

- To dispense aroma into the water, press the small dispensing button in the middle of the cap. When used for the first time, it will take approximately 7 to 8 depressions of the button to fill the line leading to the aroma discharge fitting in the spa. Once filled, each depression of the button will dispense aroma into the water.
- Simply press the dispensing button to reach the desired level of fragrance. The amount of fragrance you desire will be dependent on the number of times you press the button.
- Be aware that it will take a few moments for the fragrance to mix with the water and become apparent above the water level of the spa. Typically two to three depressions of the button will be satisfactory.
- The top button can be locked to avoid accidental use. To lock, simply turn the button clockwise ¼ turn. To unlock, turn counterclockwise ¼ turn.

**Care**

- We recommend periodic cleaning of the reservoir and pump mechanism. This is easily done by using removing the top cap and filling with fresh warm water from the tap. After filling, reinstall the cap and press the dispensing button 65 to 75 times. This will empty all of the water from the reservoir and have it ready for refilling with liquid fragrance.
- When switching fragrances you may want to perform the cleaning function to remove any residual of the previous fragrance.
- The fragrance contains oils that over time may form and collect in the filter cartridges. Routine and periodic cleaning of the filter cartridges is recommended to maintain optimum filtration of the hot tub water. Heavy use or large quantities of dispensed fragrance will accelerate the need for cleaning the filter cartridges.

## ADAGIO™ AUDIO SYSTEMS

**Adagio™ Stereo**

Adagio is easy to operate with logical push pad controls and function keys. Please refer to the Infinity owner's manual for features, operation, and troubleshooting.

**Adagio™ Pop Up Speakers**

(If equipped) gently push the top of the self-rising speakers to raise them. To lower the speakers gently push the speaker top until it is completely closed. Make sure speakers are in the down position before closing the spa cover. Speaker lift mechanism is manufacturer-warranted against failure to lift due to manufacturing defects only. Closing the spa cover with speakers in the up position or forcing the speaker down too rapidly can result in damage.

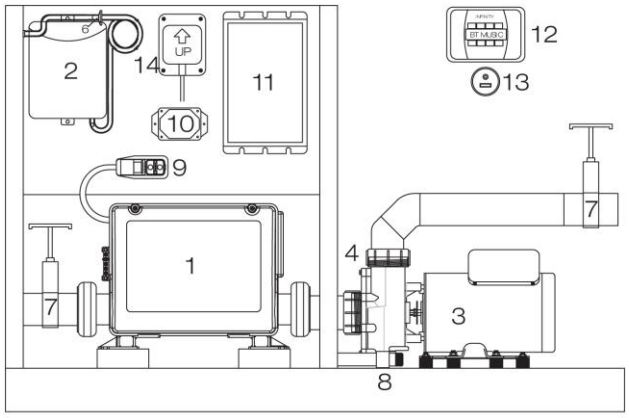
- **CAUTION** - Risk of Electric Shock. Replace components only with identical components.
- Do not operate the audio controls while inside the spa.
- **WARNING –** Prevent Electrocution. Do not connect any auxiliary components (for example, cable, additional speakers, headphones, additional audio/video components, etc.) to the system, except as provided by the following: The 3.5 mm auxiliary jack and USB are designed for input only from devices such as an MP3 player operating at 4.5 V or less.
- These units are not provided with an outdoor antennae; it should be installed in accordance with Article 810 of the National Electrical Code, ANSI/NFPA 70.
- Do not service this product yourself as opening or removing covers may expose you to dangerous voltage or other risk of injury. Refer all servicing to qualified service personnel.
- If the power supply connections or power supply cord(s) are damaged; if water is entering the audio compartment or any electrical equipment compartment area; if the protective shields or barriers are showing signs of deterioration; or if there are signs of other potential damage to the unit, turn off the unit and refer servicing to a qualified service personnel.
- This unit should be subjected to periodic routine maintenance (for example, once every three months) to make sure that the unit is operating properly.

**Adagio™ Audio Expansion Port (optional)**

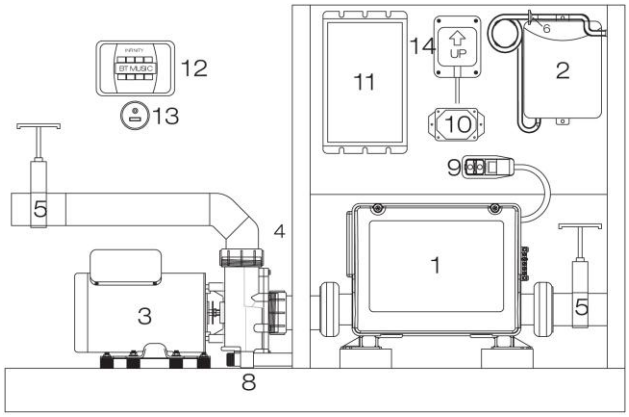
The built-in audio expansion port allows you to connect optional accessories. Use of a MP3 player or USB memory stick are supported. **NOTE**: The 3.5 cm auxiliary jack is designed for input only from devices such as an MP3 player operating at 4.5V or less.

## EQUIPMENT DIAGRAMS

### MIRAGE & RENDEZVOUS EQUIPMENT DIAGRAM

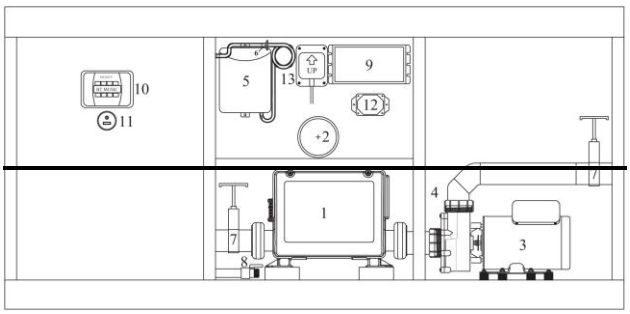



### SPIRIT EQUIPMENT DIAGRAM



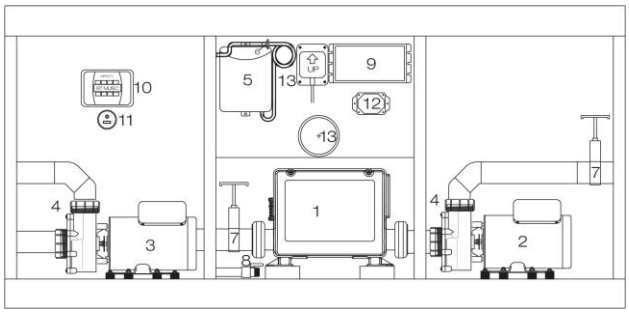

| # | Component | Qty |
|---|---|---|
| 1 | Control Box and Heater | 1 |
| 2 | Ozonator | 1 |
| 3 | Pump | 1 |
| 4 | Pump Unions | 2 |
| 5/7 | Slice Valves | 2 |
| 6 | Check Valve | 1 |
| 8 | Drain Valve | 1 |
| 9 | GFCI | 1 |
| 10 | Light | 1 |
| 11 | Stereo Power Supply (option) | 1 |
| 12 | Adagio™ Stereo Head (option) | 1 |
| 13 | MP3 Auxiliary Jack (option) | 1 |
| 14 | Wi-Fi Transceiver (option) | 1 |

### PROMISE 1P EQUIPMENT DIAGRAM



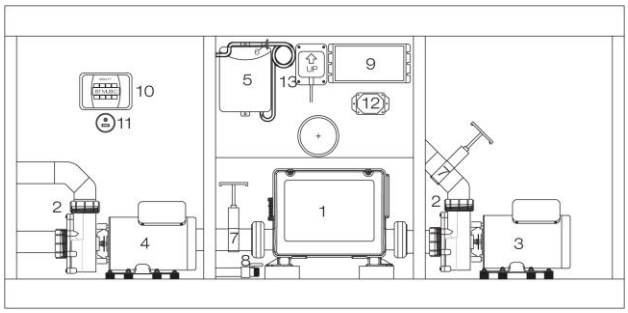

| # | Component | Qty |
|---|---|---|
| 1 | Control Box and Heater | 1 |
| 2 | Light | 1 |
| 3 | Pump | 1 |
| 4 | Pump Unions | 2 |
| 5 | Ozonator | 1 |
| 6 | Check Valve | 1 |
| 7 | Slice Valves | 2 |
| 8 | Drain Valve | 1 |
| 9 | Stereo Power Supply (option) | 1 |
| 10 | Adagio™ Stereo Head (option) | 1 |
| 11 | MP3 Auxiliary Jack (option) | 1 |
| 12 | Constellation (option) | 1 |
| 13 | Wi-Fi Transceiver (option) | 1 |

### PROMISE 2P, EPIC, EUPHORIA, WISH EQUIPMENT DIAGRAM

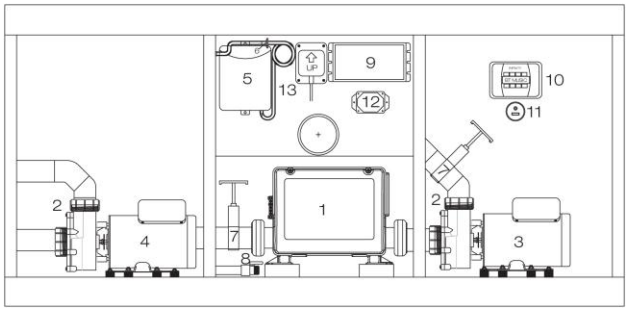



| # | Component | Qty |
|---|---|---|
| 1 | Control Box and Heater | 1 |
| 2 | Pump | 1 |
| 3 | Pump | 1 |
| 4 | Pump Unions | 4 |
| 5 | Ozonator | 1 |
| 6 | Check Valve | 1 |
| 7 | Slice Valves | 2 |
| 8 | Drain Valve | 1 |
| 9 | Stereo Power Supply (option) | 1 |
| 10 | Adagio™ Stereo Head (option) | 1 |
| 11 | MP3 Auxiliary Jack (option) | 1 |
| 12 | Constellation (option) | 1 |
| 13 | Wi-Fi Transceiver (option) | 1 |
| 14 | Light | 1 |

## REWARD EQUIPMENT DIAGRAM

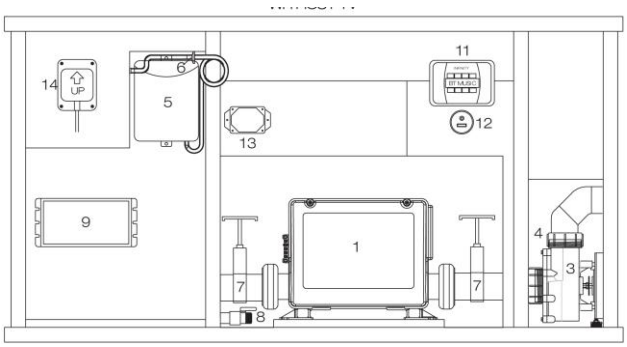



## RESORT EQUIPMENT DIAGRAM




| # | Component | Qty |
|---|---|---|
| 1 | Control Box and Heater | 1 |
| 2 | Pump Unions | 4 |
| 3/4 | Pumps | 2 |
| 5 | Ozonator | 1 |
| 6 | Check Valve | 1 |
| 7 | Slice Valves | 2 |
| 8 | Drain Valve | 1 |
| 9 | Stereo Power Supply (option) | 1 |
| 10 | Adagio™ Stereo Head (option) | 1 |
| 11 | MP3 Auxiliary Jack (option) | 1 |
| 12 | Constellation™ LED Control (option) | 1 |
| 13 | Wi-Fi Transceiver (option) | 1 |
| 15 | Light | 1 |

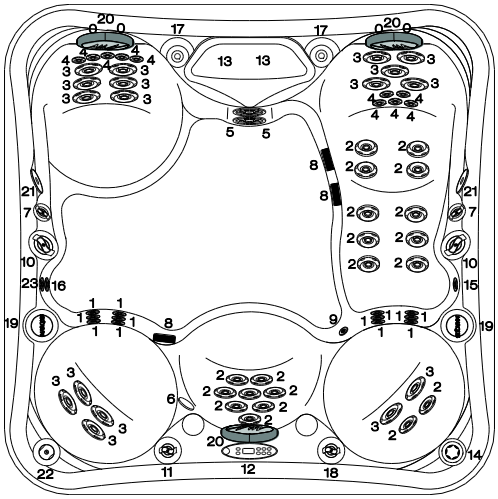
## SHOW EQUIPMENT DIAGRAM




| # | Component | Qty |
|---|---|---|
| 1 | Control Box and Heater | 1 |
| 3 | Pumps* | 2 |
| 4 | Pump Unions | 4 |
| 5 | Ozonator | 1 |
| 6 | Check Valve | 1 |
| 7 | Slice Valves | 2 |
| 8 | Drain Valve | 1 |
| 9 | Stereo Power Supply (option) | 1 |
| 11 | Adagio™ Stereo Head (option) | 1 |
| 12 | MP3 Auxiliary Jack (option) | 1 |
| 13 | Constellation™ LED Control (option) | 1 |
| 14 | Wi-Fi Transceiver (option) | 1 |

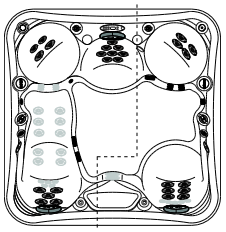
*Auxiliary pumps are located in the corners

## EPIC™



| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 4 |
| 1 | HK™8 Jets | 12 |
| 2 | HK™12 Jets | 20 |
| 3 | HK™16 Jets | 17 |
| 4 | HK™40 Jets | 10 |
| 5 | Geyser Jets | 2 |
| 6 | Light* | 1 |
| 7 | Air Controls | 2 |
| 8 | Suction Fittings | 3 |
| 9 | Floor Drain | 1 |
| 10 | Tri-Zone Control | 2 |
| 11 | Neck Jet Valves | 2 |
| 12 | Bather's Control Panel | 1 |
| 13 | Filter Canisters | 2 |
| 14 | Spa Frog®* | 1 |
| 15 | Spa Frog® Return Fitting* | 1 |
| 16 | Ozone Injector Fitting* | 1 |
| 17 | Waterfall Feature* | 2 |
| 18 | Waterfall Valve* | 1 |
| 19 | Adagio™ Speakers | 2 |
| 20 | Cushioned Headrests* | 3 |
| 21 | Water Features* | 2 |

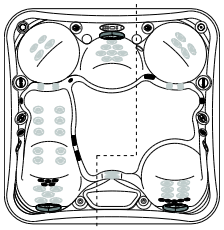
| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 229 x 229 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Positions | 7 |
| Weight Dry/Kgs. | 386 |
| Weight Full/Kgs. | 2088 |
| Water Capacity/Litres | 1703 |
| Total Therapy Jets | 65 |



**Epic Tri-Zone Control**

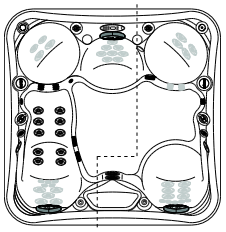
**ZONE 1 (JETS A)**
Upper-, mid- and lower-back jets

**ZONE 1 (JETS B)**
Upper-, mid-, lower-back and foot jets



**ZONE 1 (JETS B)**
HOT Zone lumbar lounge

**ZONE 2 (JETS B)**
HOT Zone shoulder

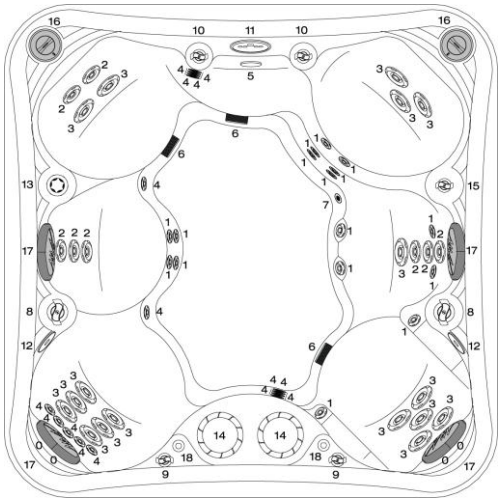


**ZONE 1 (JETS C)**
Lounge, leg and foot jets

**ZONE 2 (JETS C)**
Geyser jets

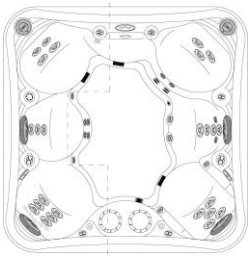
HK™8 jets operate in every zone.

## EUPHORIA™



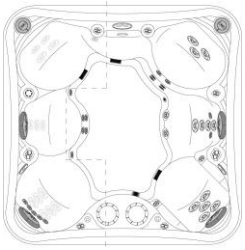
| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 4 |
| 1 | HK™8 Jets | 18 |
| 2 | HK™12 Jets | 8 |
| 3 | HK™16 Jets | 17 |
| 4 | HK™40 Jets | 13 |
| 5 | Light* | 1 |
| 6 | Suction Fittings | 3 |
| 7 | Floor Drain | 1 |
| 8 | Jet Selector | 2 |
| 9 | Neck Jet Valve | 2 |
| 10 | Air Controls | 2 |
| 11 | Bather's Control Panel | 1 |
| 12 | Auxiliary Control | 2 |
| 13 | Spa Frog®* | 1 |
| 14 | Filter Canisters | 2 |
| 15 | Waterfall Valve* | 1 |
| 16 | Adagio™ Speakers | 2 |
| 17 | Cushioned Headrests* | 4 |
| 18 | Water Features* | 2 |

| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 229 x 229 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Capacity/Positions | 7 |
| Weight Dry/Kgs. | 374 |
| Weight Full/Kgs. | 1887 |
| Water Capacity/Litres | 1514 |
| Total Therapy Jets | 58 |

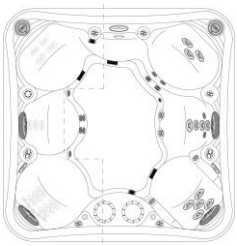


**Euphoria Tri-Zone Control**

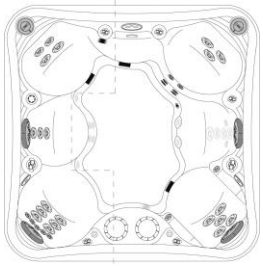
**ZONE 1 (JETS 1)**
Mid- and lower-back jets



**ZONE 1 (JETS2)**
Upper-back jets

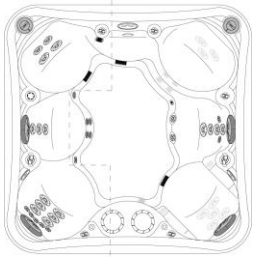


**ZONE 1 (JETS 3)**
Whirlpool jets

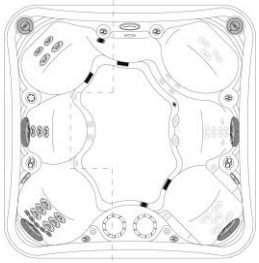


**Euphoria Tri-Zone Control**

**ZONE 2 (JETS 1)**
Leg, wrist, upper- and mid-back jets.*

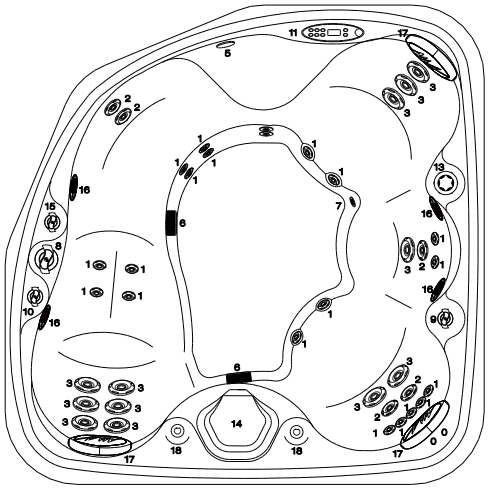


**ZONE 2 (JETS2)**
Leg, upper-, mid- and lower-back jets.**



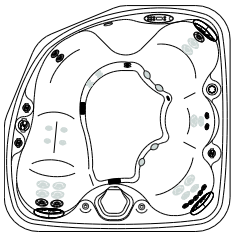
**ZONE 2 (JETS 3)**
Whirlpool jets.**

## MIRAGE™



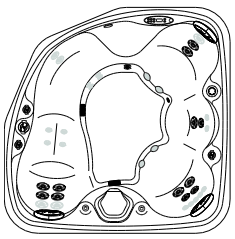
| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 2 |
| 1 | HK™8 Jets | 19 |
| 2 | HK™12 Jets | 5 |
| 3 | HK™16 Jets | 12 |
| 5 | Light* | 1 |
| 6 | Suction Fittings | 2 |
| 7 | Floor Drain | 1 |
| 8 | Jet Selector | 1 |
| 9 | Neck Jet Valve | 1 |
| 10 | Air Control | 1 |
| 11 | Bather's Control Panel | 1 |
| 12 | Spa Frog®* | 1 |
| 13 | Spa Frog® Return Fitting* | 1 |
| 14 | Filter Canister | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 16 | Waterfall Feature* | 1 |
| 20 | Cushioned Headrests* | 3 |
| 21 | Adagio™ Speakers | 4 |
| 22 | Water Feature* | 2 |

| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 207 x 207 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Capacity/Positions | 4/5 |
| Weight Dry/Kgs. | 204 |
| Weight Full/Kgs. | 1207 |
| Water Capacity/Litres | 1003 |
| Total Therapy Jets | 38 |



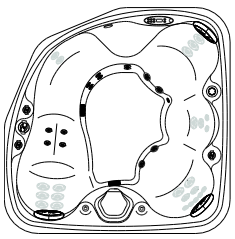
**Mirage Zone Control**

**ZONE 1A**
Upper-back jets.**



**ZONE 1B**

Mid- and lower-back jets.**

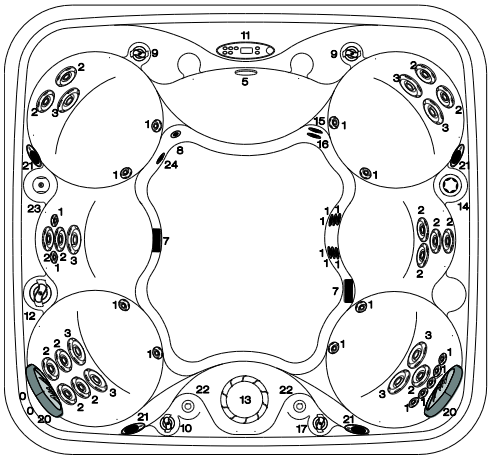


**ZONE 1C**

Leg and foot jets.**

*Items are optional. Check with dealer for availability.
**HK™8 Neck Jets operate in every zone.

## PROMISE™

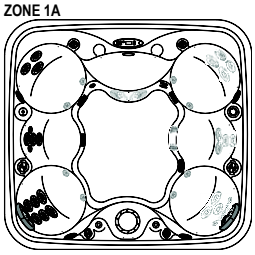


| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 2 |
| 1 | HK™8 Jets | 21 |
| 2 | HK™12 Jets | 15 |
| 3 | HK™16 Jets | 8 |
| 5 | Light* | 1 |
| 7 | Suction Fittings | 2 |
| 8 | Floor Drain | 1 |
| 9 | Air Control | 2 |
| 10 | Neck Jet Valve | 1 |
| 11 | Bather's Control Panel | 1 |
| 12 | Filter Canister | 1 |
| 13 | Spa Frog®* | 1 |
| 14 | Spa Frog® Return Fitting* | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 20 | Cushioned Headrests* | 2 |
| 21 | Adagio™ Speakers | 4 |
| 22 | Water Feature* | 1 |
| 23 | Aroma Infusions* | 1 |
| 24 | Aroma Infusions injector* | 1 |

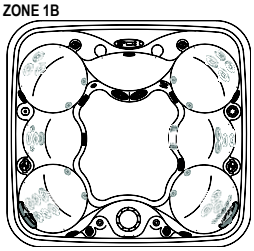
| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 200 x 217 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Positions | 6/7 |
| Weight Dry/Kgs. | 268 |
| Weight Full/Kgs. | 1516 |
| Water Capacity/Litres | 1454 |
| Total Therapy Jets | 46 |

**Promise Tri-Zone Control**

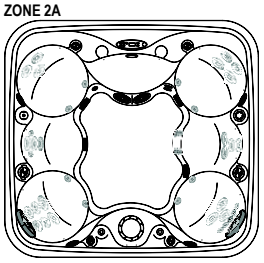
ZONE 1A



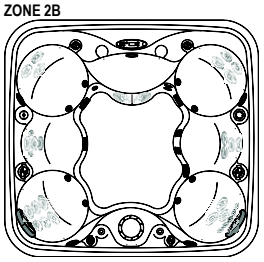
ZONE 1B



ZONE 2A

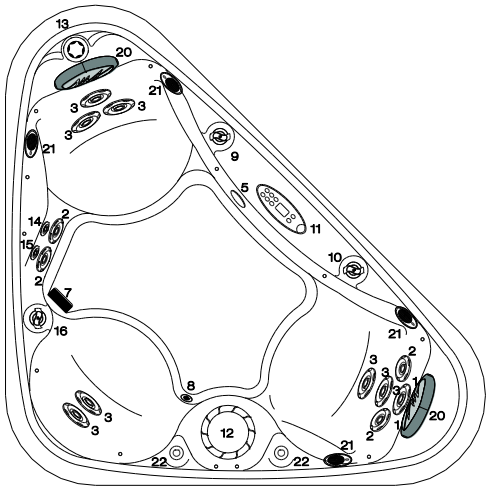


ZONE 2B



*Items are optional. Check with dealer for availability.
**HK™8 Neck Jets operate in every zone.

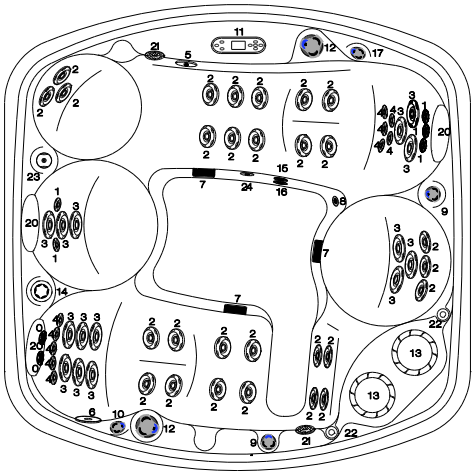
## RENDEZVOUS™



| # | Component Identification | Quantity |
|---|---|---|
| 1 | HK™8 Neck Jets | 2 |
| 2 | HK™12 Jets | 4 |
| 3 | HK™16 Jets | 8 |
| 5 | Light* | 1 |
| 7 | Suction Fittings | 2 |
| 8 | Floor Drain | 1 |
| 9 | Air Control | 1 |
| 10 | Neck Jet Valve | 1 |
| 11 | Bather's Control Panel | 1 |
| 12 | Filter Canister | 1 |
| 13 | Spa Frog®* | 1 |
| 14 | Spa Frog® Return Fitting* | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 20 | Cushioned Headrests* | 2 |
| 21 | Adagio™ Speakers | 4 |
| 22 | Water Feature* | 1 |

| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 190 x 190 |
| Height/mm | 75 |
| Corner Radius/mm | 305 |
| Seating Positions | 3 |
| Weight Dry/Kgs. | 188 |
| Weight Full/Kgs. | 643 |
| Water Capacity/Litres | 644 |
| Total Therapy Jets | 14 |

## RESORT™

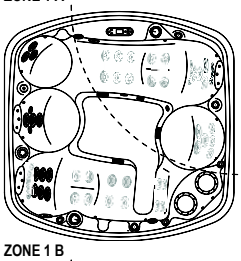


| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 2 |
| 1 | HK™8 Jets | 11 |
| 2 | HK™12 Jets | 21 |
| 3 | HK™16 Jets | 12 |
| 4 | HK™40 Jets | 10 |
| 5 | Geyser Jets | 2 |
| 5 | Light* | 1 |
| 7 | Suction Fittings | 4 |
| 8 | Floor Drain | 1 |
| 9 | Jet Selector | 1 |
| 10 | Neck Jet Valve | 1 |
| 11 | Bather's Control Panel | 1 |
| 12 | Filter Canisters | 2 |
| 13 | Spa Frog®* | 1 |
| 14 | Spa Frog® Return Fitting* | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 17 | Waterfall Valve | 1 |
| 18 | Adagio™ Speakers | 2 |
| 19 | Cushioned Headrests | 3 |
| 20 | Water Features | 2 |

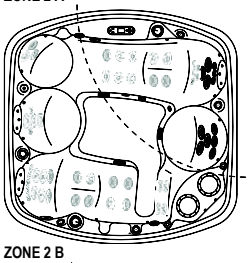
| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 217 x 217 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Capacity/Positions | 5 |
| Weight Dry/Kgs. | 345 |
| Water Capacity/Litres | 1325 |
| Total Therapy Jets | 60 |

### Resort Zone Control

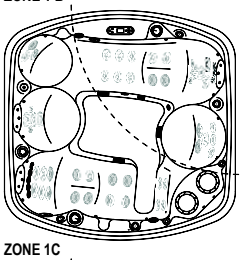
ZONE 1 A



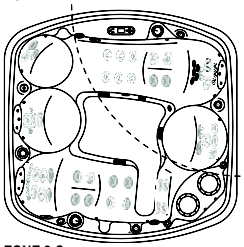
ZONE 2 A



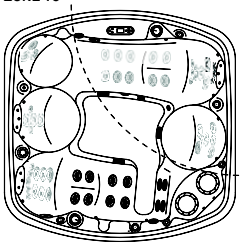
ZONE 1 B



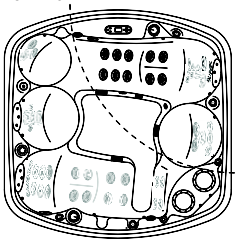
ZONE 2 B



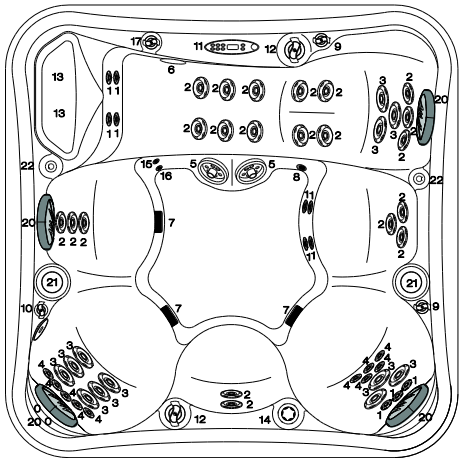
ZONE 1C



ZONE 2 C



## REWARD™

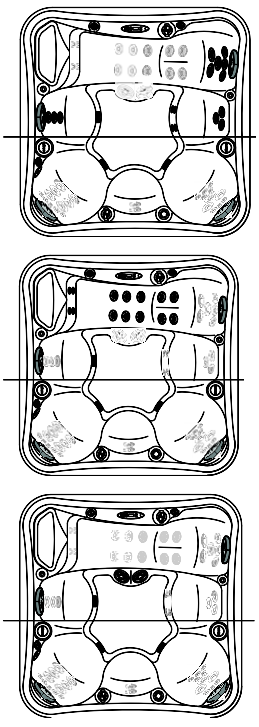


| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 2 |
| 1 | HK™8 Jets | 5 |
| 2 | HK™12 Jets | 31 |
| 3 | HK™16 Jets | 12 |
| 4 | HK™40 Jets | 10 |
| 5 | Light* | 1 |
| 7 | Suction Fittings | 3 |
| 8 | Floor Drain | 1 |
| 9 | Jet Selector | 1 |
| 10 | Neck Jet Valve | 1 |
| 11 | Bather's Control Panel | 1 |
| 12 | Filter Canisters | 2 |
| 13 | Spa Frog®* | 1 |
| 14 | Spa Frog® Return Fitting* | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 17 | Waterfall Valve | 1 |
| 18 | Adagio™ Speakers | 2 |
| 20 | Cushioned Headrests | 3 |
| 22 | Water Features | 2 |

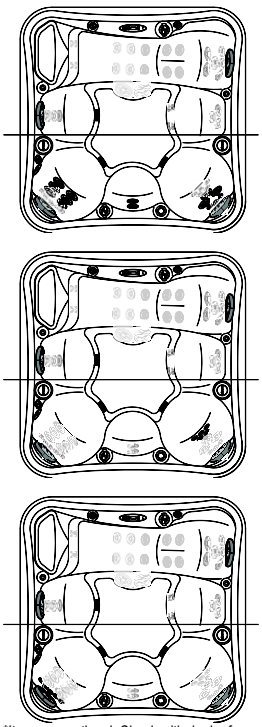
| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 217 x 217 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Capacity/Positions | 6 |
| Weight Dry/Kgs. | 336 |
| Weight Full/Kgs. | 1660 |
| Water Capacity/Litres | 1325 |
| Total Therapy Jets | 58 |

### Reward Zone Control

ZONE 1

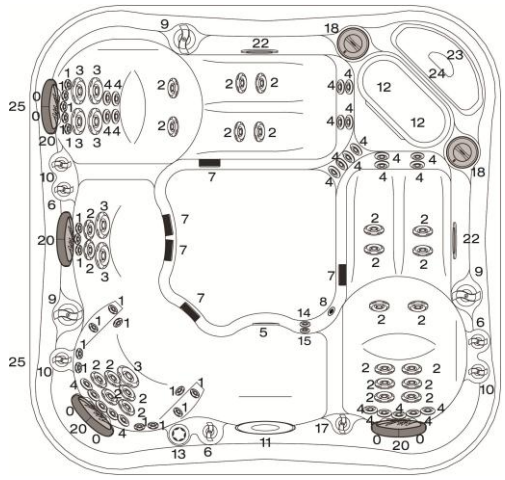


ZONE 2



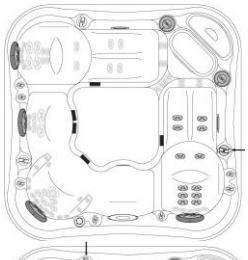
*Items are optional. Check with dealer for availability.
**HK™8 Neck Jets operate in every zone.

## SHOW™



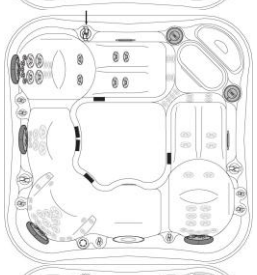
| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 6 |
| 1 | HK™8 Jets | 18 |
| 2 | HK™12 Jets | 25 |
| 3 | HK™16 Jets | 7 |
| 4 | HK™40 Jets | 26 |
| 5 | Light* | 1 |
| 6 | Air Controls | 3 |
| 7 | Suction Fittings | 4 |
| 8 | Floor Drain | 1 |
| 9 | Jet Selectors | 3 |
| 10 | Neck Jet Valves | 3 |
| 11 | Bather's Control Panel | 1 |
| 12 | Filter Canisters | 2 |
| 13 | Spa Frog®* | 1 |
| 14 | Spa Frog® Return Fitting* | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 17 | Waterfall Valve* | 1 |
| 18 | Adagio™ Speakers* | 2 |
| 19 | Constellation* | 16 |
| 20 | Cushioned Headrests* | 4 |
| 22 | Water Features* | 2 |
| 23 | Cooler | 1 |
| 24 | TV* | 1 |
| 25 | Pump Interior Locations | 2 |

| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 229 x 239 |
| Height/mm | 89 |
| Corner Radius/mm | 432 |
| Seating Positions | 5 |
| Weight Dry/Kgs. | 499 |
| Weight Full/Kgs. | 2296 |
| Water Capacity/Litres | 1798 |
| Total Therapy Jets | 82 |

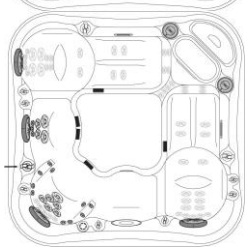


**Show Tri-Zone Control**

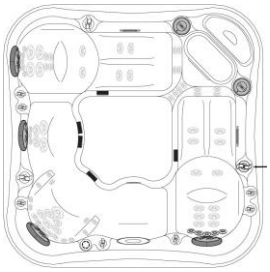
**ZONE 1 (JETS 1)**
Adirondack A: all back, hips, legs and feet.**



**ZONE 2 (JETS 2)**
Adirondack B: upper- and mid-back, hips and feet.**

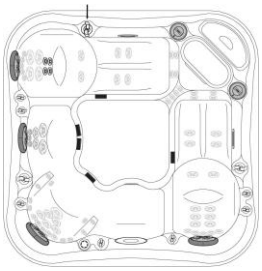


**ZONE 3 (JETS 3)**
Captain's Chair: mid- and lower-back, arms, knees and wrists.**
Seat: all back.**

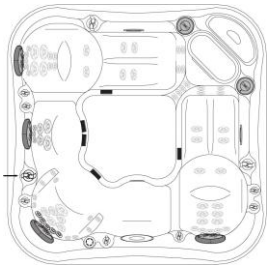


**Show Tri-Zone Control**

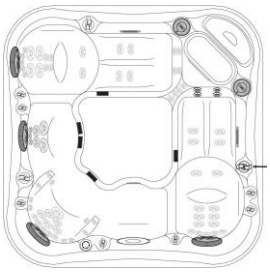
**ZONE 4 (JETS 1)**
Adiriondack A: upper-back..**



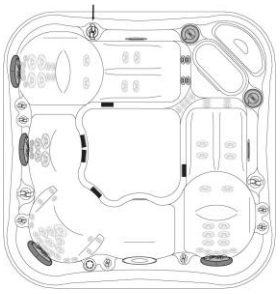
**ZONE 5 (JETS 2)**
Adiriondack B: lower-back.**



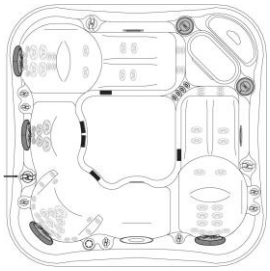
**ZONE 6 (JETS 3)**
Captain's Chair: lower-back.**



**ZONE 7 (JETS 1)**
Adiriondack A: feet.**



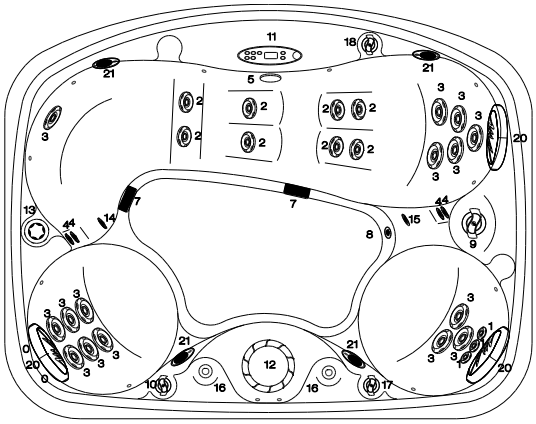
**ZONE 8 (JETS 2)**
Adiriondack B: feet.**



**ZONE 9 (JETS 3)**
Therapy pillar: legs and feet.**

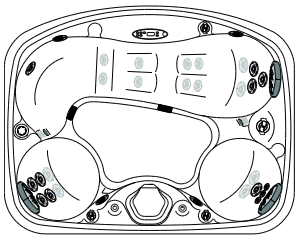
*Items are optional. Check with dealer for availability.
**HK™8 Neck Jets operate in every zone

## SPIRIT™



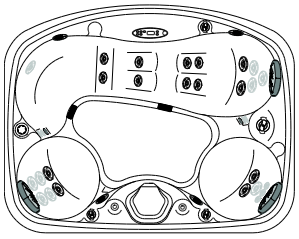
| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK 8™ Neck Jets | 2 |
| 1 | HK™8 Jets | 3 |
| 2 | HK™12 Jets | 8 |
| 3 | HK™16 Jets | 15 |
| 4 | HK™40 Jets | 4 |
| 5 | Light* | 1 |
| 7 | Suction Fitting | 1 |
| 8 | Floor Drain | 1 |
| 9 | Jet Selector | 1 |
| 10 | Neck Jet Valve | 1 |
| 11 | Bather's Control Panel | 1 |
| 12 | Filter Canisters | 1 |
| 13 | Spa Frog®* | 1 |
| 14 | Spa Frog® Return Fitting* | 1 |
| 15 | Ozone Injector Fitting* | 1 |
| 16 | Waterfall Feature* | 1 |
| 17 | Waterfall Valve* | 1 |
| 20 | Cushioned Headrests* | 2 |
| 21 | Adagio™ Speakers* | 2 |
| 22 | Water Feature* | 1 |

| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 213 x 168 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Capacity/Positions | 3/4 |
| Weight Dry/Kgs. | 209 |
| Weight Full/Kgs. | 965 |
| Water Capacity/Litres | 757 |
| Total Therapy Jets | 32 |

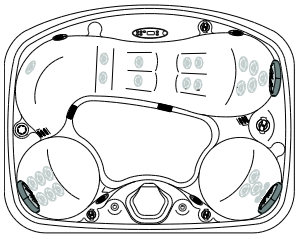


**Spirit Tri-Zone Control**

**ZONE 1 (JETS 1)**
Upper- and mid-back jets

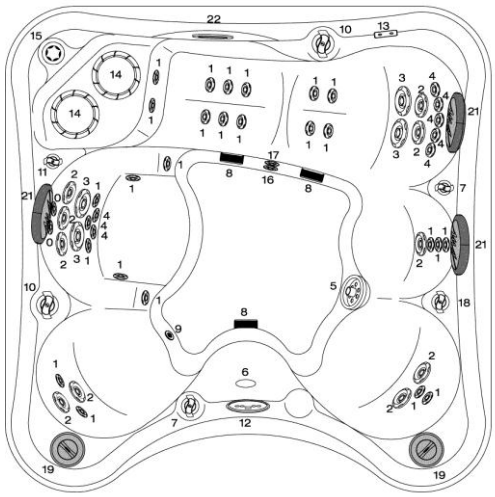


**ZONE 1 (JETS 2)**
Lower- body and leg lounge jets



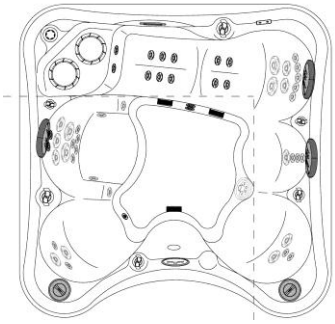
**ZONE 1 (JETS 3)**
Whirlpool jets

## WISH™



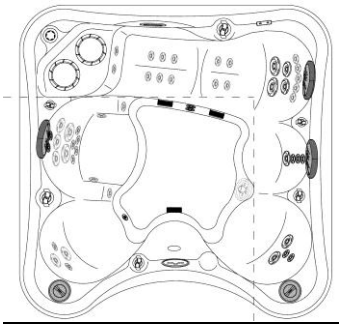
| # | Component Identification | Quantity |
|---|---|---|
| 0 | HK™8 Neck Jets | 2 |
| 1 | HK™8 Jets | 24 |
| 2 | HK™12 Jets | 10 |
| 3 | HK™16 Jets | 4 |
| 4 | HK™40 Jets | 9 |
| 5 | Geyser Jet | 1 |
| 6 | Light* | 1 |
| 7 | Air Controls | 2 |
| 8 | Suction Fittings | 3 |
| 9 | Floor Drain | 1 |
| 10 | Jet Selectors | 2 |
| 11 | Neck Jet Valve | 1 |
| 12 | Bather's Control Panel | 1 |
| 13 | Auxiliary Control (Jets/Light) | 1 |
| 14 | Filter Canisters | 2 |
| 15 | Spa Frog®* | 1 |
| 16 | Spa Frog® Return Fitting* | 1 |
| 17 | Ozone Injector Fitting* | 1 |
| 18 | Waterfall Valve* | 1 |
| 19 | Adagio™ Speakers* | 2 |
| 20 | Constellation* | |
| 21 | Cushioned Headrests* | 3 |
| 22 | Waterfall Feature* | 1 |

| Physical Specifications | Size |
|---|---|
| Dimensions/mm | 213 x 213 |
| Height/mm | 89 |
| Corner Radius/mm | 305 |
| Seating Capacity/Positions | 3/4 |
| Weight Dry/Kgs. | 356 |
| Weight Full/Kgs. | 1642 |
| Water Capacity/Litres | 1287 |
| Total Therapy Jets | 50 |

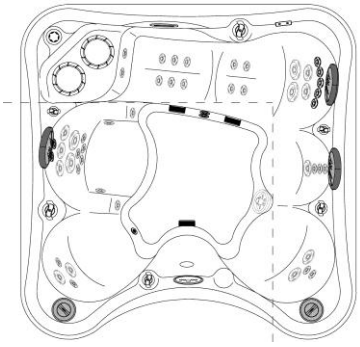


**Wish Tri-Zone Control**

**ZONE 1 (JETS 1)**
Lounge leg and foot jets.**

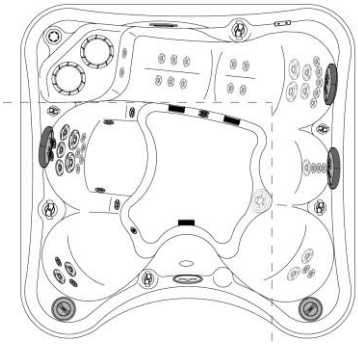


**ZONE 1 (JETS 2)**
Upper-, mid-, and lower-back jets.**

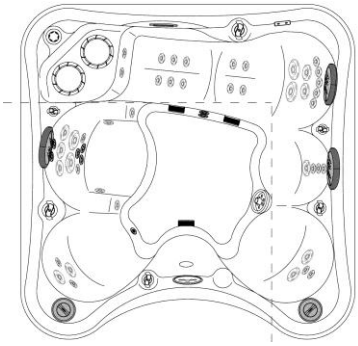


**Wish Tri-Zone Control**

**ZONE 1 (JETS 3)**
Lounge upper-back jets**



**ZONE 2 (JETS1)**
Upper- and mid-back jets.**



**ZONE 2 (JETS2)**
Lower-back and Geyser jets**

## TROUBLESHOOTING GUIDE

**PLEASE NOTE:** The following corrective actions may be performed by the spa owner. If the trouble cannot be corrected in the steps below, please contact your authorized Marquis® dealer for service. (Improper servicing by an unauthorized service provider or spa owner could result in damage not covered by the warranty and could cause serious injury.)

### EQUIPMENT WILL NOT OPERATE

- Check the control panel LCD window for diagnostic code.
- Check the circuit breaker on the main circuit panel.
- Check the condition of the power cord.

### INADEQUATE JET ACTION

- Be sure the shut-off valves in the equipment area are completely open.
- Open the jets by turning the jet face to allow for maximum water flow.
- Check that the air control valve is open (rotate lever counterclockwise).
- Check for obstruction or restrictions at suction guard(s) or filters, such as leaves, etc.

### JET VALVES ARE HARD TO OPERATE

- Valves and rotating jets that become hard to turn is an indication of sand, dirt or too high calcium level in the water.
- Remove components and rinse before damage occurs.
- Advise bathers to shower or use a foot bath before entering the spa. Failure to use or maintain valves as directed may cause damage by introduction of foreign materials such as dirt, sand and calcium that is not covered under the warranty.

### NO HEAT

- Check temperature displayed in the LCD window for desired temperature setting.
- Inspect the filter cartridge(s) for dirt and debris.
- Check that the water is at proper level, 2/3 up the Vortex skimmer opening(s).
- Check HEAT MODE to be certain spa is not in REST MODE.
- Lower ambient temperatures may result in heat loss.

**NOTE:** Do not expect instant hot water from the jets. It will take the heater 12-24 hours to heat the water to the temperature you desire.

## GENERAL MESSAGES

Most messages and alerts will appear at the bottom of the normally used screens. Several alerts and messages may be displayed in a sequence. Some messages can be reset from the panel. Messages that can be reset will appear with a "right arrow" at the end of the message. This message can be selected by navigating to it at pressing the Select button.

### ---ºF ---ºC
### WATER TEMPERATURE IS UNKNOWN

- After the pump has been running for 1 minute, the temperature will be displayed.

### POSSIBLE FREEZING CONDITION

- A potential freeze condition has been detected, or the Aux Freeze Switch has closed. All water devices are activated. In some cases, pumps may turn on and off and the heater may operate during Freeze Protection. This is an operational message, not an error indication.

### THE WATER IS TOO HOT - M029

- The system has detected a spa water temp of 43.3ºC or more, and the spa functions are disabled. System will auto reset when the spa water temp is below 42.2ºC. Check for extended pump operation or high ambient temp.

## HEATER-RELATED MESSAGES

### THE WATER FLOW IS LOW - M016

- There may not be enough water flow through the heater to carry the heat away from the heating element. Heater startup will begin again after about 1 minute. See "Flow Related Checks" below.

### THE WATER FLOW HAS FAILED* - M017

- There is not enough water flow through the heater to carry the heat away from the heating element and the heater has been disabled. See "Flow Related Checks" below. After the problem has been resolved, you must press any button to reset and begin heater start up.

### THE HEATER MAY BE DRY* - M028

- Possible dry heater, or not enough water in the heater to start it. The spa is shut down for 15 min. Press any button to reset the heater start up. See "Flow Related Checks" below.

### THE HEATER IS TOO HOT* - M30

- One of the water temp sensors has detected 118ºF (47.8ºC) in the heater and the spa is shut down. You must clear the message when water is below 108ºF (42.2ºC). See "Flow Related Checks" below.

### FLOW-RELATED CHECKS

- Check for low water level, suction flow restrictions, closed valves, trapped air, too many closed jets and pump prime.

- On some systems, even when spa is shut down by an error condition, some equipment may occasionally turn on to continue monitoring temperature or if freeze protection is needed.

*This message can be reset from the topside panel.

## SENSOR-RELATED MESSAGES

### SENSORS ARE OUT OF SYNC - M015

- The temperature sensors MAY be out of sync by -17ºC or -16ºC. Call for service.

### SENSORS ARE OUT OF SYNC -- CALL FOR SERVICE* - M026

- The temperature sensors ARE out of sync. The fault above has been established for at least 1 hour. Call for service.

### SENSOR A FAULT, SENOR B FAULT - SENSOR A: M031, SENSOR B: M032

- A temperature sensor or sensor circuit has failed. Call for service.

## MISCELLANEOUS MESSAGES

### COMMUNICATIONS ERROR

- The control panel is not receiving communication from the System. Call for service.

### TEST SOFTWARE INSTALLED

- The Control System is operating with test software. Call for service.

ºF or ºC is replaced by ºT
The Control System is in Test Mode. Call for service.

**SYSTEM-RELATED MESSAGES**

**PROGRAM MEMORY FAILURE* - M022**

- At Power-up, the system has failed the Program Checksum Test. This indicates a problem with the firmware (operation program) and requires a service call.

**THE SETTINGS HAVE BEEN RESET (PERSISTENT MEMORY ERROR)* - M021**

- Contact your dealer or service organization if this message appears on more than one power-up.

**THE CLOCK HAS FAILED* - M020**

- Contact your dealer or service organization.

**CONFIGURATION ERROR (SPA WILL NOT START UP)**

- Contact your dealer or service organization.

**A PUMP MAY BE STUCK ON - M034**

- Water may be overheated. POWER DOWN THE SPA. DO NOT ENTER THE WATER. Contact your dealer or service organization.

**HOT FAULT - M035**

- A pump appears to be stuck ON when spa was last powered. POWER DOWN SPA IMMEDIATELY. DO NOT ENTER THE WATER. Contact dealer or service organization.

*This message can be reset from the topside panel.

## MAINTENANCE

**WEEKLY MAINTENANCE**

1. **Removing Debris**
   Remove any debris and leaves from the Vortex skimmers and suction guard(s) on the inside of the spa. Blocked intakes can impede the flow of water through the jetting system.
2. **Water Level**
   Replenish the water level if necessary so that it is approximately two-thirds up the Vortex skimmer opening. (See STARTING YOUR SPA.) Low and high water levels can damage your spa. It is important to check your water level often.

**MONTHLY MAINTENANCE**

1. **Filter Care**
   We cannot stress enough the importance of a clean filter for proper water filtration. Dirty filters can restrict water flow, cause hazy water, and prevent your chemicals from working properly. Dirty filters can also cause low flow from jets, poor water clarity and sensors to activate error codes. It is important to clean filters regularly. Many water treatment products clear or clarify the water by clumping microscopic particles and minerals together so that these larger particles can be effectively trapped in the filter. A filter clogged with debris and calcium deposits does not trap particles properly.

   The Maintenance Reminder on the spa-side Control Panel indicates a CL every 30 days to remind you to clean your filter.

**EVERY THREE TO FOUR MONTHS**

**Leakage Detection**
Open the equipment door and check for signs of water leakage around the pump(s). Pump seals wear out over time, especially with improper water chemistry. Early detection of pump seal failure can significantly reduce repair costs.

**Ozonator Operation**
The ozonator functions whenever the system is running on filter or clean up cycles. Check to see if the bulb is lighted. The end cap of the ozonator should glow if functioning properly. If not, the bulb has burned out. Contact your dealer for service.

**Draining and Filling the Spa**
On average, a spa needs to be drained every three to four months. After months of continually adding chemicals to the water and introducing body oils and lotions, the water can be difficult to manage and chemicals are not as effective as usual. You may also notice excessive foaming. More frequent draining may be required depending on use.

**Draining the Spa**

A. Turn off the power to the spa.
B. Open the equipment compartment (see EQUIPMENT DIAGRAM). Remove the hose bib cap from the connection and attach a hose.
C. Open the drain valve. Gravity causes the water to drain out of the hose.
D. When the spa is empty, close the drain valve and remove the hose. Reinstall the hose bib plug.

**NOTE:** Keep the drain valve closed at all times except when draining the spa (do not rely on the cap to stop the flow of water). Not doing so could result in damage to the drain valve due to freezing water.

**AS NEEDED MAINTENANCE**

**Cover Care**
Proper care of the cover increases the life and keeps it looking great in even the harshest conditions. NOTE: Do not use regular household products or products that contain silicone, alcohol, steel wool, or bleach.

**Synthetic Exterior Care**
Clean the exterior of the spa with a mild soap and water solution. Cleaners that contain alcohol or high levels of solvents, along with Acetone, Nitrobenzene, and Cyclohexanol, can dissolve and discolor the synthetic exterior.

**Clean the Acrylic Interior**
Once the spa is drained, clean the acrylic interior thoroughly: especially at the water line. Bleach (diluted) is the recommended cleaning agent for acrylic – other products should be avoided except as stated below.

To maintain the high gloss, elegant look of LUCITE XL just follow these simple steps: Use common household, non-abrasive cleaners for most cleaning jobs. For normal care and cleaning use a soft cloth or sponge with soap and water. Rinse well and dry with a soft, clean cloth. If using a household cleaner, make sure it is recommended for use on acrylic by the manufacturer. Never use abrasive cleaners. Do not allow your acrylic surface to come into contact with products such as ketones or esters such as acetone or ethyl acetate (nail polish remover), Wintergreen oil (methyl salicylate), nail polish, dry cleaning solution or other chlorinated organic solvents, lacquer thinners, gasoline, aromatic solvents, pine oil, etc. Remove dust and dry dirt with a soft, damp cloth. Clean grease, oil, paint and ink stains with isopropyl (rubbing) alcohol. Dry with a clean, soft cloth. Avoid using razor blades or other sharp instruments that might scratch the surface.

**NOTE:** Due to the high-gloss, fine finish of the acrylics, imperfections in the surface texture may occur. A natural aging process in acrylic can lead to a process called crazing. Fine spider web-like lines can form on the cosmetic surface of acrylic over time after exposure to the elements and chemicals. Crazing represents no structural weakening of acrylic and is not covered under the warranty. Fading, staining and discoloration may also occur but represent no structural degradation and are not covered under warranty.

**NOTE:** Do not leave an empty spa uncovered. Direct sunlight on the spa surface can cause severe damage or blemishing and can result in the voiding of any surface warranties.

**Excess Debris**
Grit and debris tracked into the spa should be removed with a spa vacuum.

**Water Line**
To avoid buildup of oils and lotions at the water line, clean the interior when needed. We suggest the *Glove Sponge* to clean without scratching.

**NOTE:** Do not use the same brush or sponge to clean the exterior of the spa and the interior of the spa. Soap and other product residue used on the outside of the spa can cause foaming of the spa water and scratches to the spa surface.

**Light Bulb Replacement**
A. Turn off the power to the spa.
B. Remove the equipment area door to find the light access. (See EQUIPMENT DIAGRAM.)
C. Remove the lamp socket from the back of the light assembly by turning counterclockwise and pulling at the same time.

**SUSPENDED USE OR WINTERIZING THE SPA**
If you decide to discontinue the use of your spa for any extended period of time, we suggest you follow the steps below.

**NOTE:** During long periods of inactivity, damage can occur to equipment from condensation within the equipment compartment.

1. Turn off the power to the spa.
2. Drain the spa. (See DRAINING AND REFILLING THE SPA.)
3. Remove all residual water from the seating and footwell. If necessary, bail out the remaining water then dry the spa with towels. A wet/dry vacuum is recommended for best results.
4. Using the wet/dry vacuum, place vacuum nozzle over each jet nozzle to remove water from plumbing lines, starting with the highest jet and finishing with the lowest jet.
5. Unscrew the pump plug(s) from the pump(s). (See STARTING YOUR SPA.)
6. Again, using the wet/dry vacuum, place nozzle over the exposed pump opening(s) to remove excess water. The pump(s) should be removed from the spa and stored in a climate-controlled room.
7. Clean the spa interior.
8. Clean the filter cartridges.
9. Reinstall the spa cover and lock in place.

**NOTE:** Direct sunlight on the spa surface can cause severe damage or blemishing and can result in the voiding of any surface warranties.

**IMPORTANT CHEMICAL SAFETY PROCEDURES**
1. Always keep chemicals out of reach of children.
2. Read product labels carefully prior to use.
3. When dissolving, always add chemicals to water, do not add water to chemicals. Some dry chemicals should be dissolved prior to adding them to the spa. Using a clean container, dip some water from the spa. Mix until dissolved, then add to circulating water.
4. CAUTION: Do not mix chemicals together. Add them separately to the spa water.
5. All chemical products should be stored in a cool, dry, well-ventilated area where the average temperature does not exceed 90°F (32°C). Keep storage area clean of debris such as rags, newspaper, and combustible materials.
6. Keep chemicals away from open flame or other heat source. Do not smoke near chemicals. If a dry chlorine chemical fire should occur, use water only. Do not use a dry chemical fire extinguisher to attempt to put out the fire.
7. When adding chemicals, always keep the water circulating in the spa with jets in a downward circular pattern for better chemical distribution. Add chemicals to the spa water one at a time. Allow several minutes between any new chemical additions using the jet action to evenly distribute throughout the spa.
8. After adding chemicals, wait the amount of time recommended on the chemical container before retesting your water for an accurate reading. Retest your spa water before using.
9. If you have any questions or concerns about the correct procedures for handling chemicals, please contact your authorized dealer.

## WATER CARE

There are three things necessary for clean safe water:
1. CIRCULATE: Water has to be circulated regularly; it can not be stagnant.
2. FILTER: Water has to be filtered to remove particulate and debris.
3. SANITIZE: Water has to be sanitized to kill organisms like algae, bacteria and virus.

The control system in your spa will automatically circulate and filter. (See SPA CONTROL OPERATION.) The sanitation requires minimal effort if done consistently and properly.

To sanitize spa water, three things are required:
1. BALANCE: The water must be balanced so the sanitizer can work and spa equipment is protected.
2. SHOCK: Shock to oxidize organics and maximize sanitizer efficiency.
3. SANITIZE: Maintain a proper level of sanitizer at all times.

**WATER CARE TROUBLESHOOTING**
P: Problem
S: Solution

**Cloudy Water**
P: Inadequate filtration or dirty filter.
S: Ensure that the filter is securely installed. Clean or replace filter. Increase the length of clean up and/or filter cycles.
P: Water is not balanced.
S: Test water and adjust pH, alkalinity, and sanitizer as needed. Shock to oxidize and destroy organics in the water.
P: Unfiltered particles or chemically saturated.
S: Use *Water Clarifier* to combine particles.
P: High total dissolved solids
S: Drain, clean, and refill the spa.

**Chemical Odour**
P: Too many chloramines/bromamines in the water.
S: Treat water with *Spa Shock* then adjust sanitizer level as necessary.
P: Dull looking water, difficult to manage. High total dissolved solids (TDS) may be the cause.
S: Drain and refill with fresh water.

**Musty Odour**
P: Not enough sanitizer in water – bacteria or algae in water.
S: Add sanitizer as necessary and shock. Readjust sanitizer level if necessary.

**Yellow Water**
P: Low pH and/or low alkalinity.
S: Test and adjust pH with *pH and Alkalinity Up*. Adjust alkalinity if necessary.

**Foaming**
P: High concentration of body oils, lotions or soaps, as well as excessive organics.
S: Use *Spa Defoamer* and adjust pH and sanitizer as needed.

**Scum Line in Spa**
P: Body oils and dirt.
S: Use *Glove Sponge* to clean the spa. Test and adjust the sanitizer and pH if necessary. Increase the clean up cycle.

**No Sanitizer Reading**
P: Sanitizer level is too low.
S: Shock until the sanitizer registers in the recommended range.
P: Test strip remains "white" even after sanitizer has been added.
S: Sanitizer level could be extremely high. It can bleach the reagents on the test strip and give a false reading. Remove spa cover and activate jets and air control. Allow jets to run for 30 minutes. Test water to see if desired level has been reached.

**High Sanitizer Reading**
P: Too much chlorine or bromine added or dispensed into the spa.
S: Remove spa cover and activate jets and air control. Allow jets to run for 30 minutes. Test water to see if desired level has been reached. Reduce bromine level.

**Eye or Skin Irritation**
P: Contaminants or excessive amount of chloramines/bromamines in water.
S: Treat water with *Spa Shock*. Adjust sanitizer level.

P: pH is low.
S: Adjust as needed.

**Corrosion of Metal**
P: Low pH.
S: Adjust pH with *pH and Alkalinity Up*.

**Green Water/Algae**
P: Low sanitizer level or high pH.
S: Adjust pH and shock as necessary.

**Erratic pH**
P: Alkalinity and/or calcium hardness are too low causing pH "bounce".
S: Test and adjust alkalinity and/or calcium hardness to bring them into the ideal range.

## DURAWOOD STEP INSTALLATION (OPTION)

The DuraWood step and mounting brackets may be placed along a straight side of the spa, most often centered to the entry location.

Find the center of the spa side where you want to mount the step. Measure 27.5" center spread and mark. Measure 1" up from base and mark.

- With step mounting brackets facing outwards, mark the two holes.
- Using the bracket as a guide, predrill two holes per bracket.
- Attach the left and right brackets to the spa exterior base.
- The step hardware is factory-installed. Loosen the thumbscrew. Gently push step towards the spa until the brackets and hardware engage.
- Tighten the thumbscrew to attach the step to the spa exterior.

**NOTE:** All steps can be inherently dangerous. Always use caution in stepping in and out of your spa.

## LIMITED WARRANTY

**WHAT THE MARQUIS CORP. LIMITED WARRANTY COVERS**
Marquis Corp. warrants that our products will be free from defects in materials and workmanship for the term set forth exclusively in this warranty. Accessories purchased from Marquis Corp. or a Marquis Corp. authorized dealer and added to the spa after manufacture of the spa are not covered under this warranty but may have other warranties. Refer to owner's manual for proper use, maintenance and installation of your spa. The Limited Warranty is made only to the original purchaser of the spa and is not transferable.

**[10] STRUCTURE:** The fiber glass structure is warranted for ten years not to leak. Fittings and attachments are not included.
**[7] SURFACE:** The acrylic surface is warranted for seven years against blisters, cracks and delamination.
**[5] PLUMBING:** Plumbing and fittings are warranted against water loss for five years. Warranty coverage does not include gaskets or seals.
**[5] EQUIPMENT:** Electronic equipment is warranted against defects in materials and workmanship for five years. Equipment includes equipment packs, PC boards, pumps, control panels, heater and heat sensors.
**[5] EXTERIOR:** The synthetic skirt exterior is warranted against cracking and peeling for five years.
**[2] COMPONENTS:** The ozonator and GFCI are warranted against defects in material and workmanship for two years.
**[1] PARTS:** LED lights, remote controls, valves, spa cover, stereo components, jet inserts and overlays are warranted for one year. These parts do not qualify for labor coverage under this warranty. Fuses, non-LED lights, filter, filter lid, cushioned headrests and other items not specifically mentioned in this warranty are warranted to be free from defects in materials and workmanship at time of delivery. These parts do not qualify for labor coverage under this warranty.

**TERM OF THE MARQUIS CORP. LIMITED WARRANTY**
The term of your warranty begins on the date the product is sold to you and continues for the term described in this warranty for each component.

**WHAT YOU SHOULD DO IF YOU EXPERIENCE A PROBLEM**
Unless otherwise designated in writing by Marquis Corp., Marquis Corp. or its agent are the only parties authorized to perform warranty service on Marquis Corp. spas. Upon experiencing a problem, please contact your authorized dealer. You will be asked to provide the following information when requesting warranty service: your name, address and contact information; serial number; a description of your spa and a description of the problem. You will be required to provide proof of purchase of your spa prior to receiving warranty service.

**WHAT MARQUIS CORP. WILL DO IN THE EVENT OF A PROBLEM**
Marquis Corp. agrees to repair any plumbing or surface defects and to repair or furnish a replacement for any factory-installed component covered under this warranty which, upon test and examination by Marquis Corp., proves to have manufacturing defects. All materials for examination must be returned to Marquis Corp. freight prepaid. Marquis Corp. will provide parts and labor where applicable (according to predetermined schedule) at no charge to repair or replace components that fail due to manufacturing defects. Responding authorized dealer may charge additional service and travel fees. In the event that Marquis Corp. or its agent determines that your problem can be addressed by providing a replacement part to you for installation in your spa, a replacement part will be provided to you at no charge when you return the defective part. All replacement parts assume the original warranty status of the spa into which they are installed, including time remaining on warranty, and have no separate or independent warranty of any kind. To facilitate repairs, Marquis Corp. or its agent may require access to spa equipment. It is your responsibility to provide unencumbered access.

**WHAT THE MARQUIS CORP. LIMITED WARRANTY DOES NOT COVER**
No warranty will apply to any spa that has been (i) modified, altered or adapted without Marquis Corp.'s written consent; (ii) maltreated or used in a manner other than in accordance with the spa owner's manual; (iii) repaired by any third party not authorized by Marquis Corp.; (iv) improperly installed by any party; (v) used with equipment not covered by this warranty, to the extent that problems are attributable to such use; (vi) relocated to the extent that problems are attributable to the relocation; (vii) located on any support surface other than specified in the spa printed instructions; and (viii) damage caused by pH level outside the range of 7.4 to 7.6 and other chemical abuse. Refer to instructions in the owner's manual for proper use, maintenance and installation of your spa. Other items not included in this warranty are freight expenses; labor and material cost associated with removal and or replacement of the spa; damage to or fading of the spa surface and staining of the spa surface or equipment caused by impact, scratching, abrasive or corrosive cleaners; damage due to extreme water temperatures outside the range of 32°F to 120°F (0°C to 49°C) even if the damage was the result of a covered failure; or damage to the spa surface or equipment caused by acts of nature, including wind and power surges. Damage to the spa surface and fittings caused by leaving the spa uncovered and empty of water with direct exposure to sunlight may cause solar heat distress and also invalidates this warranty.

Other costs not associated with the direct repair of the spa, such as phone charges and missed work are not included in this warranty. In the event that the Marquis Corp. serial number tag on the spa has been removed or tampered with, the warranty will be void. Customer may not dismantle spas, and any attempt to dismantle systems, other than described herein, constitutes a modification or alteration of the spa which voids the applicable warranty.

**LIMITATIONS**
Your sole and exclusive remedy and Marquis Corp.'s entire liability in connection with manufacture and sales of its spa products is repair or replacement (at Marquis' option) of a defective part, as expressed in the limited warranty. Any other express or implied representation or warranty, including the implied warranties of merchantability and of fitness for a particular purpose as well as non-infringement, is excluded to the maximum extent permitted by law.
Except as may be required by applicable law, Marquis Corp. shall not be liable for injury, loss, or damage to person or property, however arising, in connection with manufacture or sale of its spa products. This includes indirect, punitive, special, incidental, or consequential damages (including but not limited to loss of use) whether the claim for such injury, loss, or damage is based on breach of contract, breach of warranty, or tort, even if Marquis Corp. has previously been advised of the possibility of such damages.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**ADAGIO™ AUDIO SYSTEM AND AQUAVISION ONE YEAR LIMITED WARRANTY**

Marquis Corp. warrants to the original retail purchaser, the components of the Adagio™ audio system or Aquavision unit will be free from defects in material and workmanship for a period of one year from date of purchase. One year coverage includes parts. Labor is covered for 90 days and is based on a predetermined schedule. Optional remote and IR/RF sending unit not included in this warranty: other warranties may apply from the original manufacturer of the optional remote. The Adagio™ audio system and Aquavision unit Limited Warranty is made only to the original purchaser of the spa and is not transferable. In no event shall any obligation of Marquis Corp. extend beyond the original period of any applicable warranty determined according to the effective warranty date of the original purchaser.

**PERFORMANCE OF WARRANTY**

Marquis Corp. agrees to repair or furnish a replacement for any defects in Adagio™ audio system or Aquavision unit material or workmanship which upon test and examination by Marquis Corp. proves defective. Adagio™ audio components including CD player/radio, speakers, subwoofer, mechanical speaker lift device, stereo access door, power supply are warranted against defects in material and workmanship for one year. Aquavision components including mechanical monitor lift device, monitor housing and power supply are warranted against defects in material and workmanship for one year. Labor to replace audio or Aquavison components is covered for 90 days. Water intrusion of any kind is not covered. All materials for examination must be returned to Marquis Corp. freight prepaid. Your authorized Marquis Dealer reserves the right to assess travel charges for service calls.

**INVALIDATION OF WARRANTY**

This warranty is void if the Adagio™ audio system or Aquavision unit has been subjected to alteration, misuse or abuse or if any repairs on the Adagio™ audio system or Aquavision unit are performed or attempted by anyone other than an authorized Marquis Corp. service center. Alteration is defined as any component change, electrical conversion or the addition of any alternative sound system components which contribute to component failure.

Misuse and abuse shall include without limitation any external power source attached to the Adagio™ audio system or Aquavision unit other than approved source, or use in a particular manner that the Adagio™ audio system or Aquavision unit was not designed, or operation of the Adagio™ audio system or Aquavision unit other than in accordance with Marquis Corp. printed instruction (located in the Owner's Manual) that leads to any component failure. Under no circumstances shall Marquis Corp. or any of its representatives be held liable for injury to any person or damage to any property, however arising.

Other costs not associated to the direct repair of the spa, such as phone charges, missed work, and damage caused to the Adagio™ audio system or Aquavision unit beyond Marquis control, are not included in this warranty. Items beyond Marquis control include but are not limited to damage resulting from: improper connections, accidents, failure to follow procedures defined in the Owner's Manual, damaged from excessive wattage to the system, lightning, extreme temperatures or any other natural occurrences.

**IMPORTANT:** Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, therefore the limitation or exclusions may not apply to you.

**DISCLAIMERS**

There are no additional warranties, express or implied, which extend beyond the terms of this limited warranty. Marquis Corp. makes no warranty of merchantability of the goods or the fitness of the goods for a particular purpose. No other person or entity has been authorized to make any warranty, representation or promise of performance not included in this express written warranty, and Marquis Corp. shall not be bound by any such additional warranty, representation or promise.

This warranty gives you specific legal rights. You may also have other rights that may vary from state to state.

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